

MINNESOTA AG NEWS

WEEKLY CROP-WEATHER



USDA, NASS, MINNESOTA
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USDA, NASS, MINNESOTA FIELD OFFICE, IN COOPERATION WITH THE NATIONAL WEATHER SERVICE - CHANHASSEN MN,
UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, AND USDA-NRCS

CROP CONDITIONS IMPROVE SLIGHTLY

Crop conditions improved slightly as scattered showers increased topsoil moisture supplies across the state, according to USDA-NASS, Minnesota Field Office. Rainfall totals ranged from one-third of an inch in the north to over one inch in some locations in the south. The first cutting of alfalfa was nearly complete while some producers in the Central region were beginning the second cutting. Isolated areas of Carver County sustained heavy hail damage as a storm front passed through the area on the weekend.

The average temperature for the week was 66.7°, 0.2° below normal. Statewide topsoil moisture supplies as of Friday were rated 6% very short, 21% short, 70% adequate, and 3% surplus.

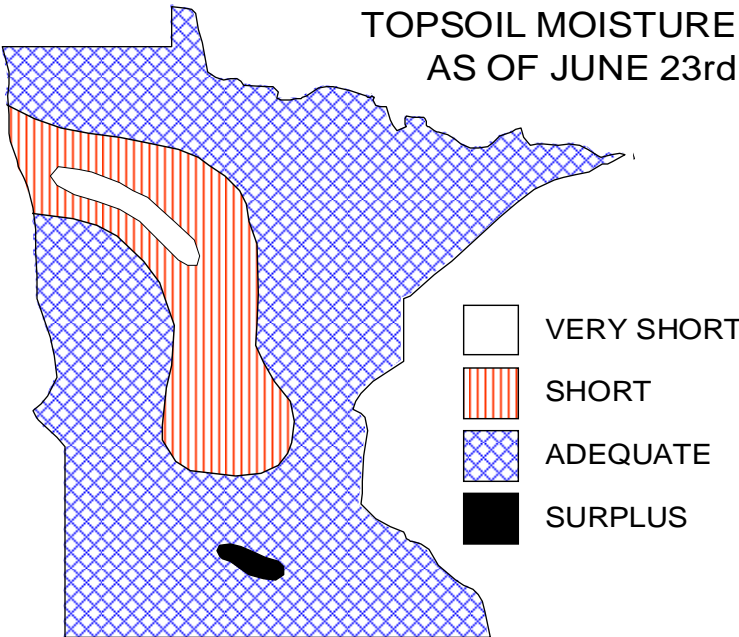
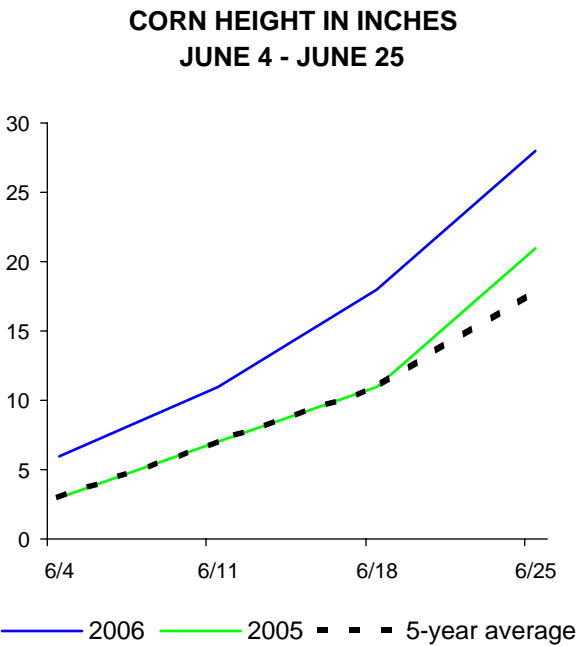
Corn grew an estimated 10 inches to an average of 28 inches tall as of Sunday, June 25th. This was ten inches taller than the five-year average height. Soybean height was estimated at 8 inches, 2 inches taller than the five-year average height. Eighty-two percent of corn and 79% of soybeans were rated in good to excellent condition.

Spring Wheat was 90% jointed compared to 66% for the five-year average. Spring wheat headed was 67% compared to 24% for the five-year average. Spring Wheat was rated 63% in good to excellent condition, up 5 percentage points from the previous week and up 4 percentage points from last year.

Days Suitable for Fieldwork: 5.3				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	6	21	70	3

Crop Progress as of June 25, 2006					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
----- Percent -----					
Corn	Height - Inches	28	18	21	18
Soybeans	Height - Inches	8	6	6	6
	Blooming	3	NA	0	0
Oats	Jointed	95	81	81	82
	Heading	75	35	32	35
Barley	Jointed	82	62	73	67
	Heading	62	22	26	26
Spring Wheat	Jointed	90	70	69	66
	Heading	67	25	20	24
Sweet Corn	Planted	97	92	82	91
Alfalfa	First Cutting	98	90	78	79

Crop Condition as of June 23, 2006 in %					
	Very Poor	Poor	Fair	Good	Exc
Pasture	2	8	26	50	14
Corn	1	3	14	55	27
Alfalfa	2	5	21	55	17
Spring Wheat	2	8	27	43	20
Barley	2	9	32	44	13
Oats	1	8	23	53	15
Soybeans	1	4	16	56	23
Sugarbeets	1	6	21	47	25



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING JUNE 25, 2006:
Temperatures averaged from 1.1 degrees below normal in the Southwest District to 1.1 degrees above normal in the Northeast District. Extremes: 39 degrees in Hibbing; 86 degrees in Lamberton. Precipitation averaged from 0.09 inch below normal in the Southwest District to 0.75 inch below normal in the North Central District. Greatest weekly total was 1.50 inches recorded in Warroad.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website; <http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 6/19/2006 through 6/25/2006

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Since Norm 4/1	Since May 2	Depart from Norm
<u>NW DIST 1</u>										
Crookston	82	50	65.3	-1.4	.27	-.57	-2.15	-2.14	742	58
Moorhead	82	54	69.0	1.6	.47	-.36	-1.79	-2.92	809	95
Warroad	77	47	63.0	-1.5	1.50	.57	-1.09	-1.81	634	62
<u>NC DIST 2</u>										
Grand Rapids	82	47	64.5	.1	.46	-.68	-1.20	-1.72	702	115
Intl. Falls	80	44	61.5	-1.6	.18	-.78	-1.58	-2.17	610	58
Itasca	79	47	63.4	.2	.24	-.80	-2.81	-1.77	626	86
<u>NE DIST 3</u>										
Duluth	78	49	63.6	2.2	.40	-.64	.95	1.12	554	81
Grand Marais	78	46	59.1	4.4	.41	-.41	-1.63	-.96	314	35
Hibbing	79	39	59.3	-3.2	.25	-.84	-2.01	-3.97	596	74
<u>WC DIST 4</u>										
Alexandria	81	55	68.2	1.6	.36	-.68	-2.12	-2.87	750	78
Browns Valley	80	50	67.0	-1.7	.23	-.58	-1.08	1.27	738	-15
Canby	85	56	69.2	-.9	.63	-.35	-1.91	.04	828	31
Fergus Falls	79	54	66.9	.1	.21	-.69	-.09	2.92	748	62
Montevideo	83	54	67.6	-1.6	.42	-.58	-.51	-.23	828	67
Morris	82	54	67.6	-.8	.37	-.60	-1.96	-.84	765	20
<u>CENT DIST 5</u>										
Becker	82	53	68.6	2.0	.83	-.25	-1.87	-1.19	826	152
Collegeville	82	57	69.8	.9	.33	-.77	-.88	-.14	873	95
Hutchinson	85	52	68.5	-.9	.74	-.33	-1.75	-.43	847	66
Olivia	82	54	68.2	-1.0	.84	-.23	.15	.76	829	59
St. Cloud	82	50	66.7	.1	.55	-.53	-1.52	-.81	802	128
Staples	78	48	64.7	.2	.83	-.19	-1.33	-1.95	685	77
Willmar	82	52	68.6	-.2	.58	-.66	-2.68	-2.24	836	81
<u>EC DIST 6</u>										
Aitkin	81	46	63.0	-.8	.44	-.62	-1.52	-1.26	673	108
Forest Lake	84	54	68.6	.5	.47	-.64	.85	1.52	838	103
MSP Airport	83	60	70.9	.9	.45	-.59	-1.19	1.27	929	129
St. Paul - UofM	82	56	69.8	-.9	.66	-.53	-.20	1.52	914	79
<u>SW DIST 7</u>										
Lamberton	86	55	69.2	-1.0	1.39	.47	5.63	6.10	835	28
Pipestone	83	50	66.8	-1.9	.54	-.38	-.88	-1.01	775	31
Redwood Falls	83	55	68.5	-2.6	.73	-.25	2.55	2.26	866	13
Worthington	83	55	68.5	-.1	.75	-.34	-1.27	2.80	834	102
<u>SC DIST 8</u>										
Faribault	84	55	69.4	.4	.11	-.88	-1.97	-2.83	819	78
Mankato	84	55	69.2	-.5	.11	-1.24	1.20	.68	840	56
Waseca	84	55	69.4	.1	.33	-.66	1.27	1.68	856	80
Winnebago	84	56	69.8	-.1	1.00	-.08	-1.32	1.30	879	87
<u>SE DIST 9</u>										
Preston	85	50	67.8	-.3	.52	-.58	-1.15	2.34	740	39
Red Wing	84	54	68.8	-.4	.54	-.43	-1.24	-2.77	839	73
Rochester	81	56	68.0	.3	.45	-.52	-.30	.55	819	118
Rosemount	83	54	68.3	-.3	.67	-.42	-2.04	-1.52	808	75
Winona	85	57	70.4	-1.4	.52	-.40	-1.47	-2.81	819	-43

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

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